

Factors That Affect Aircraft Distance Traveled (1):

Wind Speed
(Headwinds Shorten Flight Distance; Tailwinds Lengthen Flight Distance)

Table 2: Baltimore Typical Wind Speeds in June

Date in June	Typical Wind Speed (mph)
1	20
2	20
3	20
4	20
5	20
6	20
7	20
8	20
9	20
10	20
11	20
12	20
13	20
14	20
15	20
16	20
17	20
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	20
26	20
27	20
28	20
29	20
30	15

Factors That Affect Aircraft Landing Sites (2): Wind Direction

Table 3: Baltimore Typical Wind Direction in June

Date in June	Typical Wind Direction
1	5
2	5
3	5
4	5
5	7
6	7
7	8
8	5
9	3
10	5
11	5
12	3
13	6
14	6
15	5
16	4
17	5
18	6
19	1
20	1
21	2
22	7
23	7
24	5
25	4
26	4
27	4
28	7
29	7
30	5

Key:

1 = North

2 = Northeast

3 = East

4 = Southeast

5 = South

6 = Southwest

7 = West

8 = Northwest

Factors That Affect Aircraft Landing Sites (1):

Wind Speed

(Headwinds Shorten Flight Distance; Tailwinds Lengthen Flight Distance)

Table 4: Toronto Typical Wind Speeds in June

Date in June	Typical Wind Speed (mph)
1	17
2	20
3	22
4	18
5	15
6	20
7	18
8	19
9	13
10	17
11	20
12	20
13	20
14	20
15	20
16	20
17	20
18	20
19	17
20	20
21	22
22	18
23	15
24	20
25	18
26	19
27	13
28	18
29	17
30	20

Factors That Affect Aircraft Travel Distance (2): Wind Direction

Table 5: Toronto Typical Wind Direction in June

Date in June	Typical Wind Direction
1	7
2	7
3	7
4	7
5	7
6	7
7	7
8	3
9	3
10	3
11	3
12	3
13	3
14	3
15	3
16	3
17	3
18	3
19	3
20	3
21	3
22	3
23	3
24	5
25	5
26	5
27	5
28	5
29	5
30	5

Key:

1 = North

2 = Northeast

3 = East

4 = Southeast

5 = South

6 = Southwest

7 = West

8 = Northwest